Development, characteristics, and effects of the new Chatham Harbor inlet

Abstract
A new tidal inlet into Chatham Harbor, Massachusetts, has developed from a breach in the barrier beach, Nauset Beach, that forms the outer shoreline of southeastern Cape Cod. Increased tidal range and wave energy resulting from the new inlet produced acute coastal erosion and channel shoaling within Chatham Harbor, with significant impacts on the fishing and boating industries, and on private and public property and interests. Study results are consistent with the hypothesis that the Nauset-Monomoy barrier beach system undergoes a long-term cycle of geomorphological change, and that a new cycle was initiated with the formation of this new inlet. Based on this new understanding, future changes in the system can be foreseen and provided to coastal resource managers.
It creates seismic waves. It often causes great destruction. Its causes and effects are mentioned below. Pressure of gases in the interior: The expansion and contraction of gases in the interior of the Earth sometimes cause a sudden shake on the Earth’s surface. Other Causes: Landslides and avalanches, Denudation of the Landmasses and depositions of materials, Faulting and folding in the rock beds are responsible for causing minor earthquakes. Man-made Earthquakes Find marina reviews, phone number, boat and yacht docks, slips, and moorings for rent at Chatham Harbor Inlet. As a yachting destination, Newport is hard to beat. The beautiful harbor, liv Read More. Ad. Hyannis Marina. Hyannis Marina is your gateway to the beautiful waters of Cape Cod, Nantucket Read More. Ad.